Approved For Release 2003/02/27 CIA-RDP81B00879R001000130146-0

owners in o

MORE SERVICE AND ME LE CRECI ACTURES OF THE CONTROL OF THE CONTRO	COPT <u>/0</u> OI _/0	
HEMORANDUM FOR THE RECORD	1 APR 1964	25X1
SUBJECT : Trip Report, Life Suppor	t Equipment	
As a result of the March 24 meet Life Support Equipment, the following is established.		25X1A
1. LAC		
s. Green flow belancing wa	lve completely designed.	

b. Installation of 3000 PSI exygen systems now accomplished in Aircraft 131, 134, and 135. Kits evailable at this time for service bulletins 448 and 449 which installs this system is Aircraft 121, 122, 125, 126, and 127 thru 131. Service bulletin 446 (2) kits filled. Need (2) more kits. Service bulletin 449 (1) kit filled. Need three (3) more 440 kits.

One valve now in test. Will be ready for aircraft installation April 1, 1964. Delivery of qualified

production valves to start May 25, 1964.

- c. Suit vent pressure regulator prototype valve will be available for aircraft installation on March 26. Production regulators will be available on service bulletin 505 and 506 (Rear 124) starting May 15.
- d. Oxygen low pressure warning light RCF in progress, to be submitted.

25X1A 🕟

- e. Stowing of rudder pedals has been approved by the pilots at ______ These are now installed in Aircraft 128 and 124. Service bulletin 537 has been released to install these in all other aircraft. First kits promised by May 11, 1964.
- f. Parachute release incorporating stabilization chute release and main parachute deploy is in prototype stage. Three (3) to be finished March 23. Qualification tests are defined and will be completed by May 24. First production delivery of these releases to be on June 1.

RB/OSA # 7

7777

Approved For Release 2003/02/27 : CARDP81B00879R001000130146-0

OLC-6709-64

A50\AT\C - 4

2. Firevel Co(NOCI FingA f)

25X1A

Design of the single pan concept to incorporate 80 cu. in. of emergency oxygen in duality plus the parachute releases to be completed by 15 April 8

3. David Clark Co.

25X1A

- s. Pressure suit gloves with relocated seems. First pair to be shipped for evaluation on a April.
- b. Eight (8) pair of modified gloves with 01 improved stick feel have been shipped. The remaining three pair will be shipped by 15 April.
- c. Pressure suit helmet with integrated oxygen mask. By I July this belnet will be ready for evaluation
 It will incorporate a larger shell to facilitate evaluation by all pilots.
- d. The six urine bladders for use with the full pressure suit will be shipped by 10 April.
- e. The on-going program to fix all malfitting suits will be completed by 1 July.
- f. The pressure suit belief which is being modified to include a semi-rigid face barrier, internal sunshade, belief adjustment knob, shielded communications and lightweight earphones and in flight feeding part will be completed by 6 May.

qualification by LAC of the new parachute release is the pacing item for the modified parachute system test program. The test program will start when required parachutes are ready for delivery by Firewel Co. It is planned to complete this test program in 30 working days.

at Horn

25X1A

Aircraft Systems Division (Special Activities)

TO CONTRACTOR

Approved For Release 2003/02/27 : CIA-RDP81B00879R001000130146-0

25X1A

ASD/OSA/_____:jlf (1 April 1964)
Distribution:
Cy 1 - ASD/OSA
2 - AD/@SA
3 - DAD/OSA
4 - D/TECH/OSA
5 - D/FA/OSA
6 - OXC/OSA
7 - PS/OSA
8 - MD/OSA
9 - ASD/OSA (chrono)
10 - RB/OSA

17 m